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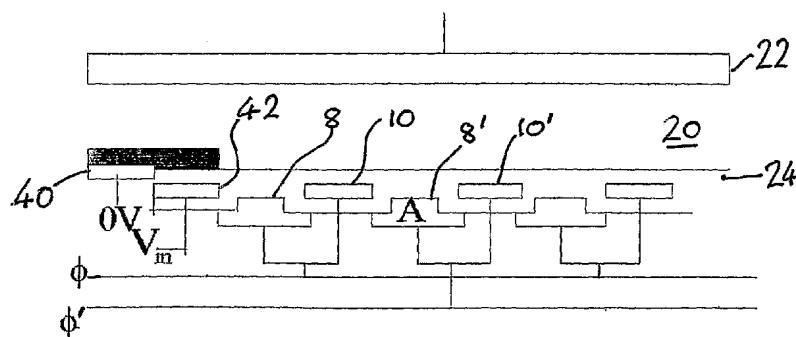
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(54) Title: CHARGE COUPLED DEVICE



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(57) **Abstract:** A charge coupled device (CCD) is disclosed which has a semiconductor body (20) comprising polymer or oligomer semiconductor material in place of the conventional silicon. A back electrode (22) of the device is electrically coupled to the semiconductor body through a Schottky junction, reducing the availability of holes in the semiconductor body. Shift electrodes forming a shift register are driven by negative electrical potentials and accumulations of holes in p type semiconductor material represent data.